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6-1-00

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION V  
POLLUTION REPORT**

**I. HEADING**

**DATE:** June 1, 2000

**SUBJECT:** Conservation Chemical Site PRP Removal Action, Gary, Lake County, IN

**FROM:** Steve Faryan, OSC, U.S. EPA, Region 5, Chicago RS-2

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**POLREP:** POLREP #22A

**II. BACKGROUND**

**Site No:** Y1  
**Response Authority:** CERCLA (PRP Removal action)  
**State Notification:**  
**Status:** Consent Order Signed 2/4/99

**CERCLIS No:** IND040888992  
**NPL Status:** Non-NPL  
**Start Date:** 7/5/99

**III. INCIDENT INFORMATION**

See Pollution Report #1 for the U.S. EPA removal action.

**IV. RESPONSES INFORMATION****A. Situation****1. U.S. EPA Removal**

The U.S. EPA removal of PCB-contaminated soil was completed in June of 1999. This phase of the CCCI removal was funded by proceeds of the 1996 de minimus settlement and the removal was authorized by the April 1998 Action Memorandum. Upon demolition of Tank #22 by the PRP Group discovered a heavy tar like sludge which had been released from the bottom of the steel tank. The material has been sampled for PCB and found to contain low levels (less than 15 ppm). The tar and surrounding soil was sampled and removed by the U.S. EPA contractor. See POLREPS 1-7 for more information.

The weather conditions were mild with temperatures ranging from 30°F to 65°F. Heavy rains occurred during the weekend of April 7 through 9, 2000.

**2. PRP Removal activities (April 26 through June 1, 2000)**

KPR seeded the topsoil and placed erosion control blanket over cap area

- Pie shape basin sludge treatment and removal continues. Cell 15 of the pie shape basin was removed from along the EJ& E railroad tracks. The area was backfilled with stone to prevent sluffing of the rail embankment.
- Analytical results indicate the treated material from cells 13,14,16,17 failed treatment parameters for hexavalent and TCLP Chromium. KPR will continue mixing and stabilizing the material and conducted an additional treatability study on the material.

- Three loads of drums which were shipped to Menomononee Falls, Wisconsin were rejected due to cyanide content and were shipped back to the site. KPR re-profiled the material to EQ in Belleville, Michigan. The three loads were shipped out on 5/23/00.
- 41 sample jars were collected from outside the West fence line. U.S. EPA mobilized EQM to Hazcat and dispose of the samples. The samples were Hazcatted on May 30 and disposal is being arranged.
- KPR, U.S. EPA and the Gary Chicago Airport met on 5/30/00 to discuss design and installation of the culvert pipe on the Airport Property.

#### Planned Removal Action

1. Re-treat and re-sample the pie-shape lagoon to determine if the treated material is Non-hazardous. (TCLP chrome needs to be below 5 mg/L or if the total chrome is below 100 ppm, and if the hexavalent chrome is below 200 ppm).
2. After material is stabilized to meet treatment standards, the material will be placed on the eastern boundary of the site and capped with clay and seeded.
3. Adjust the onsite fencing to be on the property line.
4. Final contouring, drainage control and seeding of the site
5. Design the culvert pipe with engineering controls to keep the floating product from following along the pipe and discharging to the airport ditch. The Airport's contractor will design the culvert pipe. KPR or the airports contractor will install the culvert pipe.
6. Install the culvert pipe on airport property

#### Issues

- The proposed installation of a hanging curtain or installation of a culvert pipe with backfill of the trench on the airport property has been resolved. The PRP group has worked out an agreement with the Gary Airport Authority to pay for the design of the culvert pipe which will be designed by New Concepts Engineering. Once the preliminary design is completed, bids will be taken to install the culvert pipe. KPR or the Gary Airports contractor will install the culvert pipe. This will be done in lieu of installation the hanging curtain. U.S. Epa will continue running the treatment plant and will improve the collection system. A liner may be installed on the upgradient side of the ditch to prevent and oil seeps from reaching the culvert pipe.

#### START

TDD Ceiling .....	\$62,500
Cost through May 30, 2000, .....	\$52,000

#### EPA

Ceiling .....	\$32,000
Cost through April 7,	

#### D. Disposal Information

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Table 1  
U.S. EPA/PRP REMOVAL ACTION  
Conservation Chemical Site  
Disposal Information

Waste Streams	Date	Medium	Quantity	Manifest #	Treatment	Disposal Facility
Non-hazardous Debris	7/7/99 - 7/14/99	Debris	88.7 tons	Load # 1 - 16	Disposal	Newton County Landfill 2266 500S Brook, IN 47922
Non-hazardous Debris	7/20/99 - 7/22/99	Debris	20.1 tons	Loads # 17 - 25	Disposal	CID 135 <sup>th</sup> and I-94 Chicago, IL
Steel Debris	7/22/99- 7/23/99	Steel	314.26 tons		Recycle	Bethlehem Steel Gary, IN
Steel Debris	8/5/99	Rubber lined	34 tons	load 26 & 27	Disposal	Newton County Landfill 2266 500S Brook, IN 47922
Hazardous Liquid, Acid Waste	8/9/99 - 8/15/99	Liquid acid	50,800 gallons	Manifest #00001 - 5 & 7-9,12, &18	Disposal	Clean Harbor Chicago, IL
Lab-Pack	8/11/99	Various liquids and solids	22 30-gallon pails	Manifest #00006	Disposal	Clean Harbors Chicago, IL
Hazardous Liquid, Alkaline Waste	8/16/99 8/20/99	Liquid alkaline	9,400 gallons	Manifest #11, 13-17, 19	Disposal	Clean Harbor Chicago, IL
Non-Hazardous Liquid	8/16/99	Non-haz. Liquid	1,255 gallons	Manifest #10	Disposal	Clean Harbor Chicago, IL
Non-Hazardous Solid	8/25/99 8/27/99	Rubber lined steel	55.21 tons		Disposal	Newton County Landfill Brook, IN 47922
Hazardous Sludge (T-28)	8/25/99	Alkaline Sludge	30 55-gallon drums		Disposal	Clean Harbor Chicago, IL
Hazardous Liquid	8/30/99	Acid Liquid	1450 gallons		Disposal	Clean Harbor Chicago, IL
Hazardous Liquid	9/1/99	Corrosive liquid	44 55-gallon drums (acid)	Manifest 23	Disposal	Clean Harbor Chicago, IL
Non-Hazardous liquid	9/1/99	Oil material	21 55-gallon drums	manifest 26	Disposal	Clean Harbor Cincinnati, OH
Hazardous Liquid	9/1/99	Corrosive liquid	eight 55-gallon drums	Manifest 24	Disposal	Clean Harbor Chicago, IL
Hazardous Material	9/1/99	Chrom an Pb	3 55-gallon drums & 3 cu.yd. Boxes	Manifest 25	Disposal	Clean Harbor Chicago, IL
Non-hazardous	9/7/99	rubber lined steel	22.59 tones		Disposal	Newton County Landfill
Non-hazardous	9/7/99	Debris	60 cu. yds		Disposal	CID Landfill
Hazardous solid	9/14/99	TCE solid	16 tons	Manifest 27	Disposal	EQ Belleville, MI
Non-hazardous	9/16/99	Debris	60 cu. yds		Disposal	CID Landfill
Special Waste	9/14/99	Asbestos	275 bags	Manifest 28	Disposal	Newton County Landfill

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